Critical Quality Educator Shortages

Identification of Schools and Licensure and Endorsement Areas Impacted by Critical Quality Educator Shortages

> Report to the Board of Public Education Revised March 2008

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Background

Senate Bill 2 of the May 2007 special legislative session authorized a Quality Educator Loan Assistance Program administered by the Board of Regents through the Office of the Commissioner of Higher Education. The program provides for the direct repayment of educational loans of eligible quality educators for up to 4 years. The total annual loan repayment assistance may not exceed \$3,000. Educational loans are loans made by a federal loan program, excluding federal Parents Loans for Undergraduate Students (PLUS) loans.

In addition to authorizing the program, the statute defines a *quality educator* as a full-time equivalent educator who holds a valid educator license or is a licensed professional providing services to students in a school district, an education cooperative, the Montana School for the Deaf and Blind, the Montana Youth Challenge Program or a state youth correctional facility.¹

The legislative appropriation for quality educator loan assistance is \$350,000 in FY 2008 and \$700,000 in FY 2009 for a total of \$1,050,000 for the 2009 biennium. This funding level will support loan assistance to approximately 100-120 educators in FY2008 and 200-240 educators in FY2009.

Critical Quality Educator Shortages

Section 20-4-503, MCA directs the Board of Public Education, in consultation with the Office of Public Instruction, to identify:

- (a) specific schools that are impacted by critical quality educator shortages; and
- (b) within the schools identified in (a), the specific quality educator licensure or endorsement areas that are impacted by critical quality educator shortages.

Quality educators working in schools that are identified as impacted schools <u>and</u> teaching in licensure or endorsement areas that are impacted by critical quality educator shortages are eligible for loan repayment assistance.

The Board of Public Education is required to publish an annual report listing the schools and the licensure or endorsement areas identified as impacted by critical quality educator shortages, explaining the reasons that specific schools and licensure or endorsement areas have been identified and providing information regarding any success in retention.

Methodology for Identifying Critical Quality Educator Shortages

A working group met twice (July 10 and August 21, 2007) to discuss indicators of critical quality educator shortages. The group discussed a two-step process for first identifying the schools that are impacted by critical shortages and then identifying specific licensure and endorsement areas.

¹ The complete definition of a Quality Educator is in 20-4-501(4), MCA.

Identification of Impacted Schools

The working group developed a rubric for scoring the needs of schools based on three factors: rural isolation, economic disadvantage, and student achievement. This report includes a recommendation for weighting these three factors to set a threshold for identifying schools as "impacted schools."

To measure the rural isolation, economic disadvantage, and low student achievement, the OPI developed a 24 point rubric based on locale code, the percentage of students eligible for free and reduced price meals, and the improvement status of schools under No Child Left Behind. Schools are listed as impacted schools if they are more rural, have a higher percentage of economically disadvantaged students, and/or have greater challenges in closing the achievement gap.

Locale codes are used by the National Center for Education Statistics and the US Census Bureau to indicate the urban-rural nature of a school based upon population density and geographic location. The codes range from 11 to 43 based on population density and proximity to an urbanized area. (Appendix A provides an explanation of locale codes.) For this report, a school was assigned 4 "rural isolation" points if it has a locale code of 42-Rural, Distant and 8 points if it has a locale code of 43-Rural, Remote. All other Montana schools have a locale code indicating that the school is located in a small city, suburb, town or rural fringe; these schools were assigned zero points for rural isolation.

The indicator of economic disadvantage that was chosen for this report is the number of Free/Reduced Price Participants as a percentage of total school enrollment. While this indicator has its flaws in that actual participation may fall short of eligibility, especially in the high schools grades, the working group considered it to be the best and most current indicator of economic disadvantage among the school population. Schools were given a score of 0 to 8 "economic disadvantage" points depending on the percentage of students participating in free/reduced price meals.

The indicator of student achievement that was chosen for this report is the improvement status of schools under No Child Left Behind. Schools were given a score of 0 to 8 "improvement status" points depending on whether the school was identified as in need of improvement for 2005-2006. If a school was not identified as in need of improvement, it is assigned zero improvement status points. If the school was identified as in need of improvement, the improvement status points increase from 1 point for a school in its first year of being identified for improvement to 8 points for a school in its fourth year of restructuring.

Table 1 shows the rubric that was used to assign points to each school based on indicators of rural isolation, economic disadvantage, and improvement status.

Table 1. Scoring Rubric for Determining Impacted Schools

| Scoring Rubric | Score |
|-----------------------------------|-------|
| Rural Isolation | |
| Locale Code 13 - Small City | 0 |
| Locale Code 22 - Suburb, Mid-Size | 0 |
| Locale Code 23 - Suburb, Small | 0 |
| Locale Code 31 - Town, Fringe | 0 |
| Locale Code 33 - Town, Remote | 0 |
| Locale Code 41 - Rural, Fringe | 0 |
| Locale Code 42 - Rural, Distant | 4 |
| Locale Code 43 - Rural, Remote | 8 |
| Economic Disadvantage | |
| Free/Reduced % >=10% | 1 |
| Free/Reduced % >=20% | 2 |
| Free/Reduced % >=30% | 3 |
| Free/Reduced % >=40% | 4 |
| Free/Reduced % >=50% | 5 |
| Free/Reduced % >=60% | 6 |
| Free/Reduced % >=70% | 7 |
| Free/Reduced % >=80% | 8 |
| Improvement Status | |
| School Improvement Year 1 | 1 |
| School Improvement Year 2 | 2 |
| School Improvement Year 3 or more | 3 |
| Corrective Year 1 | 4 |
| Restructuring Year 1 | 5 |
| Restructuring Year 2 | 6 |
| Restructuring Year 3 | 7 |
| Restructuring Year 4 | 8 |

Any school that has a total score of 11 points or more is listed as an impacted school. There are 324 schools on this list, of which 143 are elementary schools, 102 are middle schools or grade 7/8 schools, and 79 are high schools.

The Montana School for the Deaf and Blind, the Department of Corrections schools (Pine Hills and Riverside), the Montana Youth Challenge Program, and the state's 21 special education cooperatives were automatically added to the list of impacted schools. These entities are likely to employ a significant number of special education teachers (a category that is included in the specific quality educator endorsement areas).

Identification of specific quality educator licensure or endorsement areas

Each fall, schools report to the Office of Public Instruction regarding the challenges facing schools in filling vacancies for teachers, specialists, administrators and licensed professionals. These data are submitted on the Personnel Recruitment and Retention Report. The working group relied primarily on information submitted by schools through this report to determine the critical shortage areas for licensure and endorsement.

Additional information regarding emergency authorizations, positions filled by improperly assigned or unlicensed educators, and completers of professional educator preparation programs was also used to inform the process.

The working group looked at three available sources of information related to licensure and endorsement shortage areas:

Personnel Recruitment and Retention Report

This report is completed annually by school districts as part of the Annual Data Collection submitted to the Office of Public Instruction. In this report, school administrators provide an indication of the difficulty they experience in hiring regular education teachers, special education teachers, school administrators, specialists, paraprofessionals, and other support staff. The statewide summary of the Personnel Recruitment and Retention Report is shown in Appendix B.

Emergency Authorizations

This report is compiled by the OPI Educator Licensure unit. It lists the number of emergency authorizations approved during the 2006-2007 school year by endorsement area. In accordance with 20-4-111, MCA, a school district may apply to the Superintendent of Public Instruction for an emergency authorization of employment to hire a non-licensed individual as an instructor when the district is unable to find a licensed educator to fill the position. A statewide history of emergency authorizations granted by the state superintendent from 1999-2000 through 2006-2007 is included in Appendix C.

Misassignments Reported by Accredited Schools

"Misassignment" refers to a teacher or administrator who is not assigned at the levels and/or in the subjects for which their license(s) is/are endorsed. The source of personnel assignment data is the Annual Data Collection submitted by school districts and special education cooperatives to the Office of Public Instruction.

The working group proposed a weighted score for evaluating the data from the Personnel Recruitment and Retention Report, which involved ranking hiring difficulty based on the degree of difficulty and the number of position vacancies. The degree of hiring difficulty was computed by adding the percentage of positions that were difficult to fill with those that were very hard to fill. This combined percentage was then multiplied by the number of position openings. For example, school districts reported that of the 63 vacancies for Music teachers statewide, 85.71% of the positions were difficult or very hard to fill. This resulted in a score of 54 points for Music openings.

Some education fields are relatively easy to fill, but because of the large number of openings, the education field receives a high score using the method described above. The most obvious example of this is elementary education. With 417 reported openings in 2006-2007 and 11.51% of the positions reported as difficult or very hard to fill, the elementary education field receives a weighting of 48.

To prevent an education field from being placed on the critical shortage list based on volume or difficulty alone, four additional criteria were added. For an education field to be included on the list of academic areas impacted by critical quality educator shortages, the education field must meet four conditions:

- At least 25 openings were reported statewide;
- At least 40% of the positions were reported as difficult or very hard to fill;
- The education field had a weighted score of at least 15; and
- The education field requires completion of an accredited professional educator preparation program or other 4-year college program required for licensed professionals.

Based upon the above criteria, the critical quality educator shortage areas for 2006-2007 were Music, Mathematics, Special Education, Science, Speech/Language Pathologist, World Languages, School Counselor, Library Media, and Business.

In 2006-2007, Montana school districts reported 1,674 vacancies for all education fields and reported a total of 474 vacancies in these nine areas.

Table 2. Education Fields Impacted by Critical Quality Educator Shortages in 2006-2007

| | | | Percent Difficult or | | |
|------|----------------------|------------------------|-------------------------|----------|-----------------------|
| | | Total | Very Hard | Weighted | Total FTE |
| Rank | Education Field | Vacancies ² | to Fill | Score | Employed ³ |
| 1 | Music | 63 | 86% | 54 | 363 |
| 2 | Mathematics | 80 | 51% | 41 | 558 |
| 3 | Special Education | 97 | 42% | 41 | 871 |
| 4 | Science | 59 | 51% | 30 | 487 |
| 5 | Speech/Language | 33 | 91% | 30 | 107 |
| | Pathologist | | | | |
| 6 | World Languages | 39 | 62% | 24 | 179 |
| 7 | School Counselor | 46 | 46% | 21 | 448 |
| 8 | Library Media | 26 | 69% | 18 | 377 |
| 9 | Business and related | 31 | 55% | 17 | 154 |

The education fields impacted by critical quality educator shortages have not varied much in the past five years. An analysis of the responses to the Personnel Recruitment and Retention Report over the past five years shows the same nine fields as the most critical shortage areas.

² Total vacancies as reported by public school districts, state-funded schools, and special education cooperatives on the Personnel Recruitment and Retention Report for the 2006-2007 Annual Data Collection

³ Total FTE Employed as reported by public school districts, state-funded schools and special education cooperatives on the Personnel Assignment report for the 2006-2007 Annual Data Collection

The Personnel Recruitment and Retention Report included a category for "Career and Technical Education." This category is assumed to include positions that may be filled by individuals holding a class 4 career and vocational/technical education license, which does not require completion of a professional educator preparation program. While this education field ranked high among the fields impacted by critical shortages, these individuals may be teaching without completing a professional educator preparation education program or other 4-year program required for professional licensure. Therefore, this education field was not included in the list of critical shortage areas. The report also showed the "Other" category among the most critical shortage areas. Given that there is no detail to identify the education fields included in the "other" category, this education field is not included in the list of shortage areas.

It is important to note that the education fields listed in the Personnel Recruitment and Retention Report do not include every endorsement area or personnel assignment type. The format of the report was developed prior to the passage of SB 2. While the report provides general information about shortage areas, better tools can be developed in the future to identify shortage areas. It should also be noted that the responses from districts are subjective and may not always be complete.

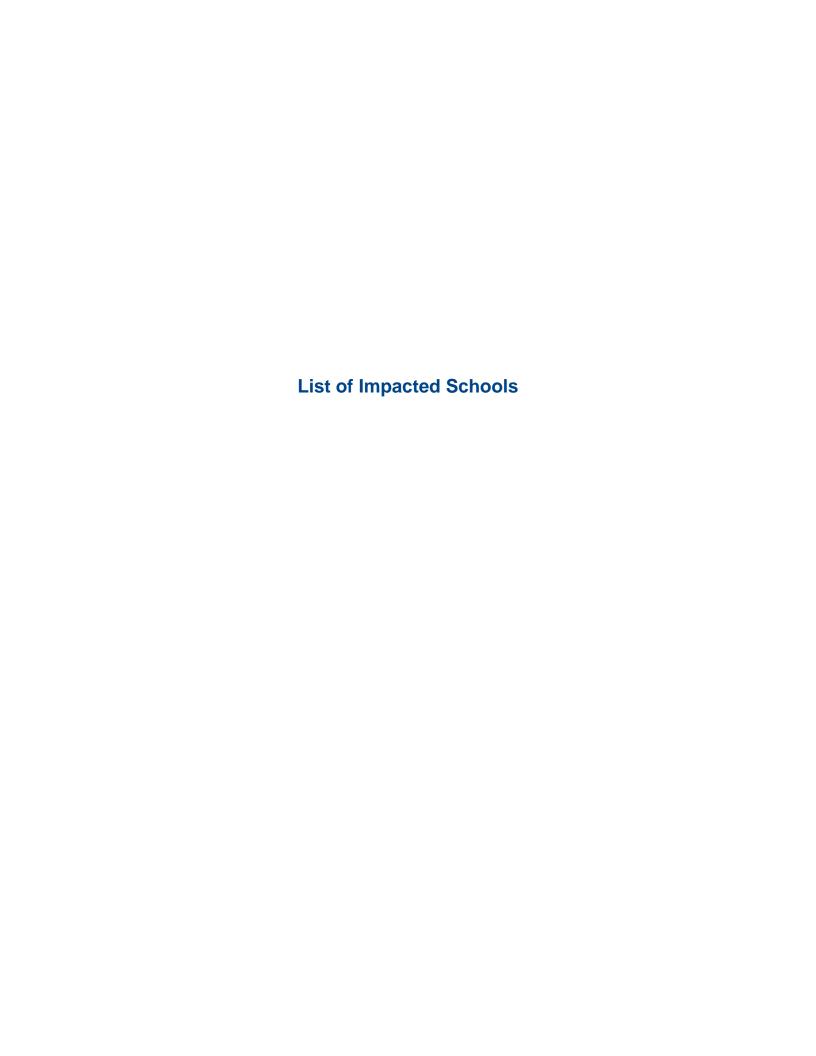
Validation of Measures based upon Independent Data Sources

Section 20-4-111, MCA authorizes the Superintendent of Public Instruction to grant an emergency authorization of employment to an individual who does not hold a valid educator license when a district cannot secure the services of a person holding a valid license. The individual must have previously held a valid educator license or must meet the standards of preparation prescribed by the policies of the Board of Public Education for and during an emergency. Emergency authorizations are only valid for one school fiscal year. The data on emergency authorizations issued since July 1, 2002 validates the critical quality educator shortage areas that are listed in this report. Of the 99 emergency authorizations issued for school fiscal years 2003 through 2007, 69 (70%) were to individuals who taught in one of the nine critical shortage areas listed above.

The personnel assignment information reported by school districts for 2006-2007 through the Annual Data Collection (ADC) also validates the selection of these nine education fields. Of the 62.67 FTE positions that were filled by individuals who did not hold a valid educator license or were misassigned in 2006-2007, 29.9 (48%) of these FTE were teaching in one of the nine education fields listed in this report. These data do not include special education cooperatives, which also experience difficulty hiring educators in the nine identified education fields.

Future Improvements to School Staffing Data

The Office of Public Instruction, with funding from the 2007 legislature, is in the planning and design phase for a new information system related to school staffing. With the new system, the OPI should be able to provide better information to the Board of Public Education and other stakeholders on the education and experience levels of school staff as well as the supply and demand for quality educators. The new system is planned to be operational for the 2009-2010 school year.



| | | | | | Rural Isolation | Economic Disadvantage | Improvement | |
|-------------|------|------|----------------------------|-----------|-----------------|--------------------------|-------------|-------------|
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Beaverhead | 0003 | 0004 | Grant School | EL | 8 | 8 | | |
| Beaverhead | 0009 | 0010 | Lima High School | HS | 8 | 5 | | |
| Beaverhead | 0009 | 0011 | Lima School | EL | 8 | 7 | 0 | 15 |
| Beaverhead | 0009 | 1667 | Lima 7-8 | GR78 | 8 | 8 | 0 | 16 |
| Beaverhead | | | Montana Youth Challenge | | | | | |
| Big Horn | 0021 | 0027 | Pryor Elem School | EL | 4 | 8 | 1 | 13 |
| Big Horn | 0021 | 1668 | Pryor 7-8 | GR78 | 4 | 8 | 7 | 19 |
| Big Horn | 0023 | 0033 | Crow Agency School | EL | 4 | 8 | 8 | 20 |
| Big Horn | 0023 | 1315 | Fort Smith School | EL | 8 | 8 | 0 | 16 |
| Big Horn | 0025 | 0039 | Lodge Grass School | EL | 8 | 8 | 8 | 24 |
| Big Horn | 0025 | 1669 | Lodge Grass 7-8 | GR78 | 8 | 8 | 8 | |
| Big Horn | 0026 | 0041 | Wyola School | EL | 8 | 8 | 8 | 24 |
| Big Horn | 0026 | 1583 | Wyola 7-8 | GR78 | 8 | 8 | 0 | 16 |
| Big Horn | 1190 | 0040 | Lodge Grass High School | HS | 8 | 8 | 7 | 23 |
| Big Horn | 1214 | 1553 | Plenty Coups High School | HS | 4 | 8 | 8 | 20 |
| Blaine | 0028 | 0046 | Meadowlark School | EL | 8 | 3 | 0 | 11 |
| Blaine | 0028 | 1798 | Chinook 7-8 | GR78 | 8 | 3 | 0 | |
| Blaine | 0028 | 1828 | Hartland Elementary School | EL | 8 | 8 | 0 | - |
| Blaine | 0030 | 0048 | Harlem Elementary School | EL | 8 | 6 | 1 | |
| Blaine | 0030 | 1643 | Harlem 7-8 | GR78 | 8 | 6 | 1 | 15 |
| Blaine | 0031 | 0049 | Harlem High School | HS | 8 | 5 | 0 | 13 |
| Blaine | 0044 | 0069 | Turner School | EL | 8 | 6 | 0 | |
| Blaine | 0044 | 1670 | Turner 7-8 | GR78 | 8 | 7 | 0 | |
| Blaine | 0045 | 0070 | Turner High School | HS | 8 | 6 | 0 | |
| Blaine | 1213 | 0072 | Lodge Pole School | EL | 8 | 8 | 2 | |
| Blaine | 1213 | 1551 | Hays-Lodge Pole High Sch | HS | 8 | 8 | 8 | |
| Blaine | 1213 | 1659 | Hays-Lodge Pole 7-8 | GR78 | 8 | 8 | 8 | 24 |
| Blaine | 9689 | | Bear Paw Cooperative | | | | | |
| Broadwater | 0055 | 0076 | Cecelia Hazelton School | EL | 8 | 4 | 0 | |
| Broadwater | 0055 | 1671 | Townsend 7-8 | GR78 | 8 | 3 | 0 | |
| Carbon | 0059 | 0085 | Bridger Elementary School | EL | 8 | 4 | | |
| Carbon | 0059 | 0086 | Bridger High School | HS | 8 | 3 | 0 | 11 |
| Carbon | 0059 | 1672 | Bridger 7-8 | GR78 | 8 | 4 | 0 | |
| Carbon | 0060 | 1635 | Joliet 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Carbon | 0069 | 0095 | Roberts School | EL | 8 | 3 | 0 | |
| Carbon | 0069 | 0096 | Roberts High School | HS | 8 | 3 | 0 | 11 |

| | | | | | | Economic | | |
|-------------|------|------|--------------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Carbon | 0070 | 0097 | Boyd School | EL | 8 | 5 | | |
| Carbon | 0071 | 1674 | Fromberg 7-8 | GR78 | 8 | 3 | | |
| Carbon | 0072 | 0099 | Fromberg High School | HS | 8 | 3 | 0 | |
| Carbon | 0076 | 0102 | Belfry School | EL | 8 | 4 | 0 | |
| Carbon | 0076 | 0103 | Belfry High School | HS | 8 | 6 | 0 | |
| Carbon | 0076 | 1675 | Belfry 7-8 | GR78 | 8 | 7 | 0 | |
| Carter | 0087 | 0118 | Ekalaka Elementary School | EL | 8 | 4 | 0 | |
| Carter | 0087 | 1676 | Ekalaka 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Cascade | 0101 | 0158 | Cascade School | EL | 8 | 4 | 0 | 12 |
| Cascade | 0101 | 1661 | Cascade 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Cascade | 0102 | 0157 | Cascade High School | HS | 8 | 3 | 0 | 11 |
| Cascade | 0118 | 0174 | Simms High School | HS | 8 | 4 | 0 | 12 |
| Cascade | 0127 | 0183 | Vaughn School | EL | 4 | 8 | 0 | 12 |
| Cascade | 0131 | 0188 | Ulm School | EL | 4 | 7 | 0 | 11 |
| Cascade | 1225 | 0173 | Fort Shaw Elem School | EL | 8 | 3 | 0 | 11 |
| Cascade | 9258 | 9368 | MT Sch For Deaf & Blnd El | EL | | | | |
| Cascade | 9258 | 9371 | MT Sch For Deaf & Blnd HS | HS | | | | |
| Cascade | 9699 | | North Ctrl Learn Res Ctr | | | | | |
| Chouteau | 0133 | 0190 | Fort Benton School | EL | 8 | 4 | 0 | 12 |
| Chouteau | 0137 | 0197 | F E Miley School | EL | 8 | 4 | 0 | 12 |
| Chouteau | 0137 | 1607 | Big Sandy 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Chouteau | 0138 | 0195 | Big Sandy High School | HS | 8 | 4 | 0 | 12 |
| Chouteau | 0145 | 0204 | Highwood School | EL | 8 | 3 | 0 | 11 |
| Chouteau | 0145 | 1681 | Highwood Middle School | MS | 8 | 3 | 0 | 11 |
| Chouteau | 0153 | 0213 | Geraldine School | EL | 8 | 6 | 0 | 14 |
| Chouteau | 0153 | 1682 | Geraldine 7-8 | GR78 | 8 | 6 | 0 | 14 |
| Chouteau | 0154 | 0214 | Geraldine High School | HS | 8 | 5 | 0 | 13 |
| Chouteau | 9871 | | Chouteau Co Joint Service | | | | | |
| Custer | 9034 | 9415 | Pine Hills Youth Corr Facil HS | HS | | | | |
| Custer | 9034 | 9935 | Pine Hills Youth Corr Facil El | EL | | | | |
| Custer | 9692 | | Big Country Coop | | | | | |
| Daniels | 0194 | 0267 | Scobey School | EL | 8 | 3 | 0 | 11 |
| Daniels | 0194 | 1650 | Scobey 7-8 | GR78 | 8 | 3 | | |
| Daniels | 0196 | 0269 | Peerless School | EL | 8 | 7 | 0 | |
| Daniels | 0196 | 0270 | Peerless High School | HS | 8 | 8 | | |
| Daniels | 0196 | 1683 | Peerless 7-8 | GR78 | 8 | 8 | | |

| | | | | | | Economic | | |
|-------------|------|------|--------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Dawson | 0227 | 0310 | Richey School | EL | 8 | 3 | 0 | 11 |
| Dawson | 0228 | 0311 | Richey High School | HS | 8 | 3 | 0 | 11 |
| Fergus | 0268 | 0367 | Grass Range School | EL | 8 | 5 | 0 | 13 |
| Fergus | 0268 | 1795 | Grass Range 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Fergus | 0269 | 0368 | Grass Range High School | HS | 8 | 4 | 0 | |
| Fergus | 0273 | 1688 | Moore 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Fergus | 0274 | 0373 | Moore High School | HS | 8 | 5 | 0 | |
| Fergus | 0280 | 0378 | Roy School | EL | 8 | 5 | 0 | 13 |
| Fergus | 0280 | 1689 | Roy 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Fergus | 0281 | 0380 | Denton School | EL | 8 | 3 | 0 | |
| Fergus | 0281 | 1690 | Denton 7-8 | GR78 | 8 | 5 | 0 | |
| Fergus | 0282 | 0381 | Denton High School | HS | 8 | 4 | 0 | |
| Fergus | 0291 | 0391 | Winifred School | EL | 8 | 3 | 0 | 11 |
| Fergus | 0291 | 0392 | Winifred High School | HS | 8 | 3 | 0 | 11 |
| Fergus | 0291 | 1691 | Winifred 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Fergus | 1218 | 1580 | Ayers School | EL | 8 | 8 | 0 | 16 |
| Fergus | 9691 | | Central Mt Learn Res Ctr | | | | | |
| Flathead | 0330 | 0442 | Bigfork School | EL | 8 | 3 | 0 | |
| Flathead | 0341 | 0455 | Marion School | EL | 8 | 5 | 0 | |
| Flathead | 0341 | 1697 | Marion 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Flathead | 1223 | 1651 | West Glacier School | EL | 8 | 3 | 0 | 11 |
| Flathead | 9695 | | Flathead County Coop | | | | | |
| Gallatin | 0354 | 0476 | Willow Creek School | EL | 8 | 4 | 0 | |
| Gallatin | 0355 | 0477 | Willow Creek High School | HS | 8 | 3 | 0 | |
| Gallatin | 0364 | 0486 | Gallatin Gateway School | EL | 8 | 3 | 0 | |
| Gallatin | 0374 | 0495 | West Yellowstone School | EL | 8 | 3 | 0 | 11 |
| Gallatin | 0374 | 0496 | West Yellowstone HS | HS | 8 | 3 | 0 | 11 |
| Gallatin | 0374 | 1704 | West Yellowstone 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Gallatin | 9696 | | Gallatin/Madison Coop | | | | | |
| Garfield | 0377 | 0500 | Jordan Elementary School | EL | 8 | 3 | 0 | 11 |
| Garfield | 0377 | 1705 | Jordan 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Garfield | 0394 | 0531 | Ross School | EL | 8 | 8 | 0 | 16 |
| Glacier | 0400 | 0537 | Babb School | EL | 8 | 6 | 0 | 14 |
| Glacier | 0400 | 0538 | K W Bergan School | EL | 0 | 8 | 8 | |
| Glacier | 0400 | 0539 | Napi School | EL | 4 | 8 | 8 | 20 |
| Glacier | 0400 | 1485 | Vina Chattin School | EL | 4 | 8 | 8 | |

| | | | · | | | | | |
|---------------|------|------|-------------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | | Economic | | |
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Glacier | 0400 | 1613 | Browning Middle School | MS | 4 | 8 | | |
| Glacier | 0401 | 0543 | Browning High School | HS | 0 | 8 | 8 | |
| Glacier | 0404 | 0548 | East Glacier Park School | EL | 8 | 7 | 0 | 15 |
| Golden Valley | 0407 | 0550 | Ryegate School | EL | 8 | 7 | 0 | |
| Golden Valley | 0407 | 0551 | Ryegate High School | HS | 8 | 5 | 0 | |
| Golden Valley | 0407 | 1706 | Ryegate 7-8 | GR78 | 8 | 3 | 0 | |
| Golden Valley | 0411 | 0555 | Lavina School | EL | 8 | 6 | 0 | |
| Golden Valley | 0411 | 0556 | Lavina High School | HS | 8 | 4 | 0 | 12 |
| Golden Valley | 0411 | 1707 | Lavina 7-8 | GR78 | 8 | 8 | 0 | 16 |
| Granite | 0416 | 0560 | Philipsburg School | EL | 8 | 3 | 0 | |
| Granite | 0416 | 0565 | Granite High School | HS | 8 | 4 | 0 | 12 |
| Granite | 0416 | 1708 | Philipsburg 7-8 | GR78 | 8 | 6 | 0 | 14 |
| Granite | 0419 | 0563 | Drummond School | EL | 8 | 4 | 0 | 12 |
| Hill | 0424 | 0569 | Davey Elementary | EL | 4 | 8 | 0 | 12 |
| Hill | 0425 | 0570 | Box Elder School | EL | 8 | 7 | 0 | 15 |
| Hill | 0425 | 1710 | Box Elder 7-8 | GR78 | 8 | 8 | 7 | 23 |
| Hill | 0426 | 0571 | Box Elder High School | HS | 8 | 8 | 2 | 18 |
| Hill | 1207 | 0579 | Rocky Boy School | EL | 8 | 8 | 8 | 24 |
| Hill | 1207 | 1711 | Rocky Boy 7-8 | GR78 | 8 | 8 | 7 | 23 |
| Hill | 1217 | 1578 | Gildford Colony School | EL | 8 | 8 | 0 | |
| Hill | 1229 | 1807 | Rocky Boy High School | HS | 8 | 8 | 8 | 24 |
| Hill | 1233 | 0588 | North Star 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Hill | 1233 | 1536 | North Star School | EL | 8 | 5 | 0 | 13 |
| Jefferson | 0453 | 0607 | Whitehall Elementary | EL | 8 | 3 | 0 | 11 |
| Jefferson | 0453 | 1570 | Whitehall 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Jefferson | 0456 | 0610 | Boulder Elementary School | EL | 8 | 6 | 0 | 14 |
| Jefferson | 0456 | 1714 | Boulder 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Jefferson | 9034 | 9973 | Riverside Youth Corr Facil El | EL | | | | |
| Jefferson | 9034 | 9974 | Riverside Youth Corr Facil HS | HS | | | | |
| Judith Basin | 0464 | 0617 | Stanford School | EL | 8 | 4 | 0 | 12 |
| Judith Basin | 0464 | 0618 | Stanford High School | HS | 8 | 3 | | |
| Judith Basin | 0464 | 1716 | Stanford 7-8 | GR78 | 8 | 3 | | |
| Judith Basin | 0469 | 0622 | Hobson School | EL | 8 | 3 | | |
| Judith Basin | 0469 | 0623 | Hobson High School | HS | 8 | 4 | | |
| Judith Basin | 0469 | 1717 | Hobson 7-8 | GR78 | 8 | 3 | | |
| Judith Basin | 0472 | 0626 | Geyser School | EL | 8 | 4 | | |

| | | | | | | Economic | | |
|---------------|------|------|-------------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Judith Basin | 0472 | 1617 | Surprise Creek School | EL | 8 | 8 | 0 | |
| Judith Basin | 0472 | 1718 | Geyser 7-8 | GR78 | 8 | 4 | 0 | |
| Judith Basin | 0473 | 0627 | Geyser High School | HS | 8 | 4 | 0 | · - |
| Lake | 0474 | 0628 | Arlee Elementary | EL | 4 | 6 | 1 | |
| Lake | 0481 | 0642 | St Ignatius Elementary School | EL | 8 | 6 | 1 | . • |
| Lake | 0481 | 0643 | St Ignatius High School | HS | 8 | 4 | 0 | |
| Lake | 0481 | 1719 | St Ignatius Middle School | MS | 8 | 5 | 1 | |
| Lake | 1199 | 0638 | Pablo Elementary | EL | 8 | 7 | 0 | 15 |
| Lake | 1199 | 0639 | K William Harvey Elem | EL | 8 | 5 | 0 | 13 |
| Lake | 1199 | 1519 | Ronan Middle School | MS | 8 | 5 | 0 | |
| Lake | 1200 | 0640 | Ronan High School | HS | 8 | 4 | 1 | 13 |
| Lake | 1205 | 0635 | Charlo Elementary | EL | 8 | 4 | 0 | 12 |
| Lake | 1205 | 1602 | Charlo 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Lake | 1206 | 0636 | Charlo High School | HS | 8 | 5 | 0 | 13 |
| Lewis & Clark | 0495 | 0668 | Wolf Creek School | EL | 8 | 6 | 0 | 14 |
| Lewis & Clark | 0502 | 0676 | Augusta Elementary School | EL | 8 | 3 | 0 | 11 |
| Lewis & Clark | 0502 | 1722 | Augusta 7-8 | GR78 | 8 | 5 | 0 | |
| Lewis & Clark | 0503 | 0677 | Augusta High School | HS | 8 | 5 | 0 | 13 |
| Lewis & Clark | 1221 | 0675 | Lincoln Elementary School | EL | 8 | 5 | 0 | 13 |
| Lewis & Clark | 1221 | 1610 | Lincoln High School | HS | 8 | 4 | 0 | |
| Lewis & Clark | 1221 | 1721 | Lincoln 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Lewis & Clark | 9697 | | Prickly Pear Coop | | | | | |
| Lincoln | 0519 | 0696 | W F Morrison School | EL | 8 | 6 | 0 | 14 |
| Lincoln | 0519 | 1663 | Troy 7-8 | GR78 | 8 | 5 | 0 | |
| Lincoln | 0520 | 0697 | Troy High School | HS | 8 | 4 | 0 | 12 |
| Lincoln | 0527 | 0710 | Eureka Elementary School | EL | 8 | 5 | 0 | |
| Lincoln | 0527 | 1724 | Eureka 7-8 | GR78 | 8 | 4 | 0 | |
| Lincoln | 0528 | 0711 | Lincoln Co High School | HS | 8 | 4 | 0 | |
| Lincoln | 0529 | 0712 | Fortine School | EL | 8 | 5 | 0 | |
| Lincoln | 0534 | 0717 | Trego School | EL | 8 | 7 | 0 | |
| Madison | 0537 | 0721 | Sheridan Elementary Schl | EL | 8 | 3 | 0 | |
| Madison | 0540 | 0723 | Twin Bridges School | EL | 8 | 3 | 0 | |
| Madison | 0540 | 0724 | Twin Bridges High School | HS | 8 | 3 | 0 | |
| Madison | 0540 | 1726 | Twin Bridges 7-8 | GR78 | 8 | 3 | 0 | |
| Madison | 0543 | 0727 | Harrison High School | HS | 8 | 3 | - | |
| Madison | 0543 | 1727 | Harrison 7-8 | GR78 | 8 | 4 | | |

| | | | | | | Economic | | |
|-------------|------|------|---------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Madison | 0546 | 1728 | Ennis 7-8 | GR78 | 8 | 3 | | |
| McCone | 0547 | 0732 | Redwater School | EL | 8 | 3 | | |
| McCone | 0547 | 1406 | Bo Peep School | EL | 8 | 4 | 0 | |
| McCone | 0547 | 1800 | Redwater 7-8 | GR78 | 8 | 3 | 0 | |
| McCone | 9701 | | Prairie View Coop | | | | | |
| Meagher | 0569 | 0758 | White Sulphur Springs El | EL | 8 | 5 | 0 | 13 |
| Meagher | 0569 | 1729 | White Sulphur Springs 7-8 | GR78 | 8 | 4 | - | |
| Meagher | 0570 | 0759 | White Sulphur Springs HS | HS | 8 | 4 | 0 | |
| Mineral | 0579 | 0767 | Superior Elementary | EL | 8 | 5 | 0 | |
| Mineral | 0579 | 0768 | Superior High School | HS | 8 | 4 | 0 | |
| Mineral | 0579 | 1731 | Superior 7-8 | GR78 | 8 | 5 | 0 | |
| Mineral | 0582 | 0770 | St Regis School | EL | 8 | 7 | 0 | |
| Mineral | 0582 | 0771 | St Regis High School | HS | 8 | 6 | 0 | |
| Mineral | 0582 | 1732 | St Regis 7-8 | GR78 | 8 | 8 | 0 | |
| Missoula | 0584 | 1434 | Seeley-Swan High School | HS | 8 | 3 | 0 | |
| Missoula | 0597 | 0801 | Seeley Lake Elementary | EL | 8 | 5 | 0 | |
| Missoula | 0597 | 1740 | Seeley Lake 7-8 | GR78 | 8 | 3 | 1 | |
| Missoula | 9698 | | Missoula Area Coop | | | | | |
| Musselshell | 0605 | 0809 | Central School | EL | 8 | 5 | 0 | 13 |
| Musselshell | 0605 | 1644 | Roundup 7-8 | GR78 | 8 | 6 | 0 | |
| Musselshell | 0606 | 0811 | Roundup H S | HS | 8 | 3 | 0 | |
| Musselshell | 0607 | 0812 | Melstone School | EL | 8 | 5 | 0 | |
| Musselshell | 0607 | 1742 | Melstone 7-8 | GR78 | 8 | 3 | 0 | |
| Park | 1215 | 1564 | Arrowhead School | EL | 8 | 3 | 0 | 11 |
| Park | 1215 | 1821 | Arrowhead 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Park | 9700 | | Park County Coop | | | | | |
| Petroleum | 0642 | 0852 | Winnett School | EL | 8 | 8 | 0 | 16 |
| Petroleum | 0642 | 0853 | Winnett High School | HS | 8 | 5 | 0 | 13 |
| Petroleum | 0642 | 1744 | Winnett 7-8 | GR78 | 8 | 7 | 0 | 15 |
| Phillips | 0647 | 0862 | Dodson School | EL | 8 | 8 | 1 | |
| Phillips | 0647 | 1745 | Dodson 7-8 | GR78 | 8 | 8 | 0 | 16 |
| Phillips | 0648 | 0863 | Dodson High School | HS | 8 | 8 | 0 | |
| Phillips | 0657 | 0873 | Saco High School | HS | 8 | 4 | 0 | |
| Phillips | 0659 | 0875 | Malta High School | HS | 8 | 4 | 0 | |
| Phillips | 0659 | 1504 | Malta K-6 | EL | 8 | 5 | 0 | |
| Phillips | 0659 | 1505 | Malta 7-8 | GR78 | 8 | 5 | | |

| | | | | | | Economic | | |
|--------------|------|------|-------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Phillips | 0659 | 1590 | Zortman Grade School | EL | 8 | 7 | 0 | 15 |
| Phillips | 0659 | 1605 | Loring Colony School | EL | 8 | 8 | 0 | 16 |
| Phillips | 0663 | 0878 | Whitewater School | EL | 8 | 8 | 0 | 16 |
| Phillips | 0663 | 0879 | Whitewater High School | HS | 8 | 5 | 0 | |
| Phillips | 0663 | 1747 | Whitewater 7-8 | GR78 | 8 | 6 | 0 | |
| Phillips | 1203 | 0872 | Saco School | EL | 8 | 6 | 0 | |
| Phillips | 1203 | 1746 | Saco 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Pondera | 0671 | 0888 | Dupuyer School | EL | 8 | 7 | 0 | 15 |
| Pondera | 0679 | 0898 | Valier School | EL | 8 | 4 | 0 | 12 |
| Pondera | 0679 | 1749 | Valier 7-8 | GR78 | 8 | 5 | 0 | |
| Pondera | 0680 | 0899 | Valier High School | HS | 8 | 4 | 0 | 12 |
| Pondera | 1226 | 0886 | Heart Butte Elementary | EL | 8 | 8 | 2 | |
| Pondera | 1226 | 1656 | Heart Butte High School | HS | 8 | 8 | 8 | 24 |
| Pondera | 1226 | 1748 | Heart Butte 7-8 | GR78 | 8 | 8 | 8 | 24 |
| Pondera | 9755 | | Big Sky SE Coop | | | | | |
| Powder River | 0705 | 0930 | Broadus School | EL | 8 | 3 | 0 | 11 |
| Powder River | 9705 | | Tri County Coop | | | | | |
| Powell | 0719 | 0947 | Elliston School | EL | 8 | 4 | 0 | 12 |
| Powell | 9703 | | Great Divide Educ Serv | | | | | |
| Prairie | 0726 | 0954 | Terry School | EL | 8 | 4 | 0 | 12 |
| Prairie | 0726 | 1752 | Terry 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Ravalli | 0738 | 0971 | Victor School | EL | 8 | 4 | 0 | 12 |
| Ravalli | 0738 | 0972 | Victor High School | HS | 8 | 4 | 0 | |
| Ravalli | 0738 | 1753 | Victor Middle School | MS | 8 | 3 | 1 | 12 |
| Ravalli | 0740 | 0973 | Darby School | EL | 8 | 4 | 0 | 12 |
| Ravalli | 0740 | 0974 | Darby High School | HS | 8 | 3 | 0 | 11 |
| Ravalli | 0740 | 1608 | Darby 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Ravalli | 9690 | | Bitterroot Valley Coop | | | | | |
| Richland | 0747 | 1754 | Savage 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Richland | 0750 | 0986 | Fairview School | EL | 8 | 3 | 0 | |
| Richland | 0750 | 1755 | Fairview 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Richland | 0751 | 0987 | Fairview High School | HS | 8 | 3 | 0 | |
| | 0768 | 1756 | Lambert 7-8 | GR78 | 8 | 4 | 0 | |
| | 0775 | 1014 | Poplar 5-6 School | EL | 8 | 8 | 8 | |
| Roosevelt | 0775 | 1015 | Poplar School | EL | 8 | 8 | 2 | |
| | 0775 | 1550 | Poplar 7-8 | GR78 | 8 | 8 | | |

| | | | | | | Economic | | |
|-------------|------|------|---------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Roosevelt | 0776 | 1016 | Poplar High School | HS | 8 | 8 | 8 | |
| Roosevelt | 0777 | 1017 | Culbertson School | EL | 8 | 4 | 0 | 12 |
| Roosevelt | 0777 | 1758 | Culbertson 7-8 | GR78 | 8 | 3 | 0 | |
| Roosevelt | 0780 | 1022 | Northside School | EL | 0 | 7 | 5 | |
| Roosevelt | 0780 | 1532 | Wolf Point 7-8 | GR78 | 0 | 8 | 4 | •= |
| Roosevelt | 0782 | 1025 | Barbara Gilligan School | EL | 8 | 8 | 0 | |
| Roosevelt | 0782 | 1759 | Barbara Gilligan 7-8 | GR78 | 8 | 8 | 3 | |
| Roosevelt | 0783 | 1026 | Brockton High School | HS | 8 | 8 | 8 | |
| Roosevelt | 0785 | 1027 | Bainville School | EL | 8 | 3 | 0 | 11 |
| Roosevelt | 0786 | 1029 | Froid Elementary School | EL | 8 | 6 | 0 | |
| Roosevelt | 0786 | 1761 | Froid 7-8 | GR78 | 8 | 6 | 0 | 14 |
| Roosevelt | 0787 | 1030 | Froid High School | HS | 8 | 3 | 0 | 11 |
| Roosevelt | 9801 | | Roose-Valley Sp Ed Coop | | | | | |
| Rosebud | 0792 | 1035 | Lame Deer School | EL | 8 | 8 | 8 | 24 |
| Rosebud | 0792 | 1626 | Lame Deer 7-8 | GR78 | 8 | 8 | 8 | 24 |
| Rosebud | 0794 | 1470 | Rosebud School | EL | 8 | 8 | 0 | |
| Rosebud | 0794 | 1762 | Rosebud 7-8 | GR78 | 8 | 8 | 0 | 16 |
| Rosebud | 0795 | 1038 | Rosebud High School | HS | 8 | 6 | 0 | 14 |
| Rosebud | 0796 | 1603 | Pine Butte Elementary Sch | EL | 8 | 3 | 0 | |
| Rosebud | 0796 | 1609 | Frank Brattin Middle Schl | MS | 8 | 3 | 0 | 11 |
| Rosebud | 0800 | 1043 | Ashland School | EL | 8 | 8 | 1 | 17 |
| Rosebud | 0800 | 1763 | Ashland 7-8 | GR78 | 8 | 8 | 1 | 17 |
| Rosebud | 1230 | 1816 | Lame Deer High School | HS | 8 | 7 | 7 | |
| Sanders | 0802 | 1045 | Plains Elementary School | EL | 8 | 5 | 0 | |
| Sanders | 0802 | 1627 | Plains 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Sanders | 0803 | 1046 | Plains High School | HS | 8 | 3 | 0 | 11 |
| Sanders | 0804 | 1047 | Thompson Falls Elem Schl | EL | 8 | 6 | 0 | 14 |
| Sanders | 0804 | 1764 | Thompson Falls 7-8 | GR78 | 8 | 5 | 0 | |
| Sanders | 0807 | 1050 | Trout Creek School | EL | 8 | 7 | 0 | 15 |
| Sanders | 0807 | 1820 | Trout Creek 7-8 | GR78 | 8 | 6 | 0 | 14 |
| Sanders | 0808 | 1051 | Paradise School | EL | 8 | 8 | 0 | 16 |
| Sanders | 0809 | 1052 | Dixon Elementary | EL | 8 | 7 | 0 | 15 |
| Sanders | 0809 | 1824 | Dixon 7-8 | GR78 | 8 | 8 | 0 | |
| Sanders | 0811 | 1054 | Noxon School | EL | 8 | 4 | 0 | |
| Sanders | 0811 | 1765 | Noxon 7-8 | GR78 | 8 | 4 | 0 | |
| Sanders | 0812 | 1055 | Noxon High School | HS | 8 | 3 | 0 | |

| | | | | | | Economic | | |
|-------------|------|------|-----------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Sanders | 0813 | 1056 | Camas Prairie School | EL | 8 | 8 | 1 | |
| Sanders | 0814 | 1057 | Hot Springs School | EL | 8 | 6 | 0 | |
| Sanders | 0814 | 1766 | Hot Springs 7-8 | GR78 | 8 | 6 | 0 | 14 |
| Sanders | 0815 | 1058 | Hot Springs High School | HS | 8 | 6 | 0 | 14 |
| Sanders | 9702 | | Sanders County Coop | | | | | |
| Sheridan | 0819 | 1061 | Westby School | EL | 8 | 3 | 0 | |
| Sheridan | 0819 | 1062 | Westby High School | HS | 8 | 3 | 0 | |
| Sheridan | 0819 | 1767 | Westby 7-8 | GR78 | 8 | 3 | 0 | |
| Sheridan | 0822 | 1064 | Medicine Lake School | EL | 8 | 4 | 0 | 12 |
| Sheridan | 0822 | 1065 | Medicine Lake High School | HS | 8 | 3 | 0 | |
| Sheridan | 0822 | 1662 | Medicine Lake 7-8 | GR78 | 8 | 5 | 0 | |
| Sheridan | 0828 | 1070 | Plentywood School | EL | 8 | 4 | 0 | |
| Sheridan | 0828 | 1071 | Plentywood High School | HS | 8 | 3 | 0 | |
| Sheridan | 0828 | 1768 | Plentywood 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Sheridan | 9693 | | Sheridan/Daniels Coop | | | | | |
| Stillwater | 0850 | 1773 | Reed Point 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Stillwater | 0853 | 1116 | Fishtail School | EL | 8 | 5 | 0 | |
| Stillwater | 0858 | 1122 | Rapelje School | EL | 8 | 5 | 0 | |
| Stillwater | 0858 | 1774 | Rapelje 7-8 | GR78 | 8 | 6 | 0 | |
| Stillwater | 0859 | 1123 | Rapelje High School | HS | 8 | 3 | 0 | 11 |
| Stillwater | 9704 | | Stillwater/Swt Grass Coop | | | | | |
| Sweet Grass | 0872 | 1137 | Greycliff School | EL | 8 | 5 | 0 | |
| Teton | 0883 | 1147 | Choteau School | EL | 8 | 3 | 0 | |
| Teton | 0890 | 1154 | Fairfield Elementary School | EL | 8 | 3 | 0 | |
| Teton | 0890 | 1778 | Fairfield 7-8 | GR78 | 8 | 3 | 0 | |
| Teton | 0895 | 1159 | Power High School | HS | 8 | 3 | 0 | 11 |
| Teton | 0900 | 1165 | Greenfield School | EL | 8 | 3 | 0 | 11 |
| Teton | 0900 | 1814 | Greenfield 7-8 | GR78 | 8 | 3 | 0 | |
| Teton | 1235 | 1156 | Dutton/Brady Elementary | EL | 8 | 8 | 1 | • • |
| Teton | 1235 | 1157 | Dutton/Brady High School | HS | 8 | 4 | 0 | 12 |
| Toole | 0903 | 1167 | Sunburst Elementary | EL | 8 | 5 | 0 | |
| Toole | 0903 | 1781 | Sunburst Middle School | MS | 8 | 5 | 0 | |
| Treasure | 0923 | 1193 | Hysham School | EL | 8 | 4 | 0 | |
| Treasure | 0923 | 1194 | Hysham High School | HS | 8 | 4 | 0 | |
| Treasure | 0923 | 1782 | Hysham 7-8 | GR78 | 8 | 4 | 0 | |
| Valley | 0927 | 1205 | Frazer Elementary | EL | 8 | 8 | 7 | |

| | <u>'</u> | | | 1 | | , | 3 3 3 3 3 | |
|-------------|----------|------|---------------------------|-----------|-----------------|--------------|-------------|-------------|
| | | | | | | Economic | | |
| | | | | | Rural Isolation | Disadvantage | Improvement | |
| County Name | LE | SC | SC Name | GradeType | Score | Score | Score | Total Score |
| Valley | 0927 | 1783 | Frazer 7-8 | GR78 | 8 | 8 | 8 | 24 |
| Valley | 0928 | 1208 | Frazer High School | HS | 8 | 8 | 8 | 24 |
| Valley | 0932 | 1212 | Hinsdale School | EL | 8 | 5 | 0 | 13 |
| Valley | 0932 | 1784 | Hinsdale 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Valley | 0933 | 1213 | Hinsdale High School | HS | 8 | 4 | 0 | 12 |
| Valley | 0935 | 1214 | Opheim School | EL | 8 | 3 | 0 | 11 |
| Valley | 0935 | 1785 | Opheim 7-8 | GR78 | 8 | 4 | 0 | 12 |
| Valley | 0937 | 1218 | Nashua School | EL | 8 | 4 | 0 | 12 |
| Valley | 0937 | 1219 | Nashua High School | HS | 8 | 3 | 0 | 11 |
| Valley | 0937 | 1786 | Nashua 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Valley | 0941 | 1223 | Lustre School | EL | 8 | 3 | 0 | 11 |
| Wheatland | 0945 | 1228 | Hillcrest School | EL | 8 | 5 | 0 | 13 |
| Wheatland | 0945 | 1787 | Hillcrest 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Wheatland | 0946 | 1230 | Harlowton High School | HS | 8 | 4 | 0 | 12 |
| Wheatland | 0948 | 1232 | Judith Gap School | EL | 8 | 4 | 0 | 12 |
| Wheatland | 0948 | 1788 | Judith Gap 7-8 | GR78 | 8 | 3 | 0 | 11 |
| Wibaux | 0964 | 1238 | Wibaux Elementary School | EL | 8 | 4 | 0 | 12 |
| Wibaux | 0964 | 1239 | Wibaux High School | HS | 8 | 3 | 0 | 11 |
| Wibaux | 0964 | 1789 | Wibaux 7-8 | GR78 | 8 | 5 | 0 | 13 |
| Yellowstone | 0975 | 1289 | Custer High School | HS | 8 | 4 | 0 | 12 |
| Yellowstone | 9694 | | Eastern Yellowstone Coop | | | | | |
| Yellowstone | 9707 | | Yellowstone/W Carbon Coop | | | | | |

Appendix A – Locale Codes

What are locale codes?

"Locale codes" are derived from a classification system originally developed by NCES in the 1980's to describe a school's location ranging from "large city" to "rural." The codes are based on the physical location represented by an address that is matched against a geographic database maintained by the Census Bureau. This database is the Topographically Integrated and Geographically Encoded Referencing system, or TIGER. In 2005 and 2006, NCES supported work by the Census Bureau to redesign the original locale codes in light of changes in the U.S. population and the definition of key geographic concepts.

The locale codes are based on an address's proximity to an urbanized area (a densely settled core with densely settled surrounding areas). The urban-centric locale code system classifies territory into four major types: city, suburban, town, and rural. Each type has three subcategories. For city and suburb, these are gradations of size – large, midsize, and small. Towns and rural areas are further distinguished by their distance from an urbanized area. They can be characterized as fringe, distant, or remote.

How are locale codes assigned to school districts?

A school district's locale code is not assigned on the basis of the central office address. It is derived from the locale codes of the schools in the district. If 50 percent or more of the public school students attend schools with the same locale code, that locale code is assigned to the district. For example, if 60 percent of students were enrolled in schools with a "rural - distant" locale code, and 40 percent were enrolled in schools with a "town - small" locale code, the district would be assigned a "rural – distant" locale code. If no single locale code accounts for 50 percent of the students, then the major category (city, suburb, town, or rural) with the greatest percent of students determines the locale; the locale code assigned is the smallest or most remote subcategory for that category.

Urban-Centric Locale Codes

11 - City, Large:

Territory inside an urbanized area and inside a principal city with population of 250,000 or more.

12 - City, Midsize:

Territory inside an urbanized area and inside a principal city with population less than 250,000 and greater than or equal to 100,000.

13 - City, Small:

Territory inside an urbanized area and inside a principal city with population less than 100,000.

21 - Suburb, Large:

Territory outside a principal city and inside an urbanized area with population of 250,000 or more.

22 - Suburb, Midsize:

Territory outside a principal city and inside an urbanized area with population less than 250,000 and greater than or equal to 100,000.

23 - Suburb, Small:

Territory outside a principal city and inside an urbanized area with population less than 100,000.

31 - Town, Fringe:

Territory inside an urban cluster that is less than or equal to 10 miles from an urbanized area.

32 - Town, Distant:

Territory inside an urban cluster that is more than 10 miles and less than or equal to 35 miles from an urbanized area.

33 - Town, Remote:

Territory inside an urban cluster that is more than 35 miles from an urbanized area.

41 - Rural, Fringe:

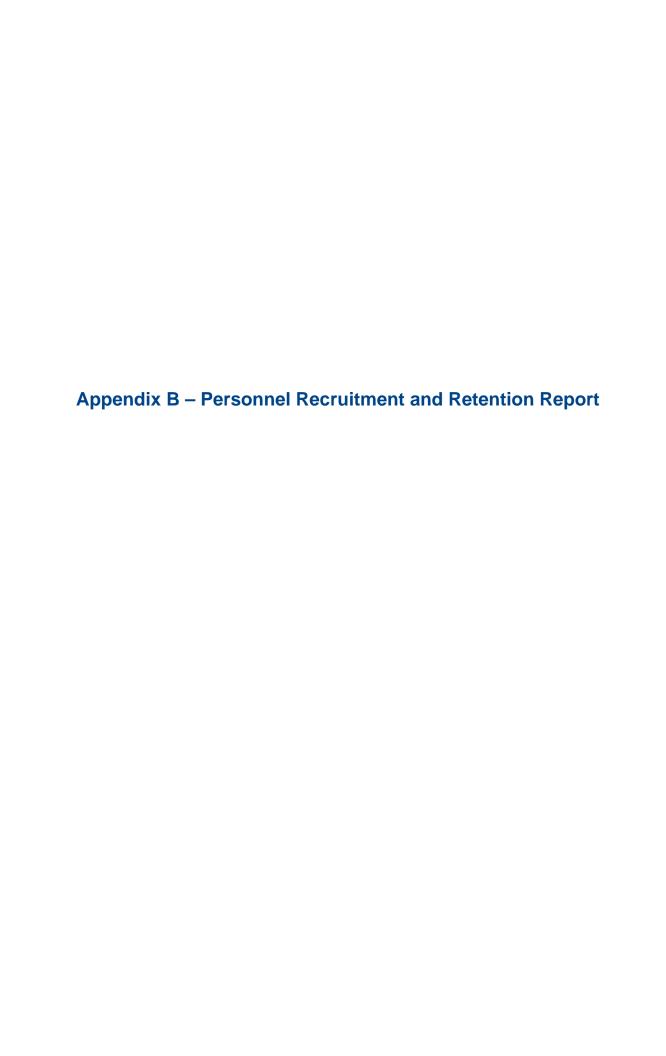
Census-defined rural territory that is less than or equal to 5 miles from an urbanized area, as well as rural territory that is less than or equal to 2.5 miles from an urban cluster.

42 - Rural, Distant:

Census-defined rural territory that is more than 5 miles but less than or equal to 25 miles from an urbanized area, as well as rural territory that is more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

43 - Rural, Remote:

Census-defined rural territory that is more than 25 miles from an urbanized area and is also more than 10 miles from an urban cluster.



Appendix C – Emergency Authorizations for Employment

Emergency Authorizations for Employment by Endorsement - School Fiscal Years 2003-2007

| Emergency Authorizations for Employ | FY | FY | FY | FY | FY | 5-Year |
|-------------------------------------|------|------|------|------|------|--------|
| Endorsement | 2003 | 2004 | 2005 | 2006 | 2007 | Total |
| Agriculture | 1 | | | | 2 | 3 |
| Art K-12 | 1 | | | 1 | 1 | 3 |
| Biology | 1 | | 1 | 1 | | 3 |
| Broadfield Science | 2 | | | | | 2 |
| Broadfield Social Studies | 2 | | 1 | | | 3 |
| Business Education | 1 | | 1 | 1 | | 3 |
| Computer Science K-12 | | | 2 | | | 2 |
| Drama | | | 1 | | | 1 |
| Elementary | 3 | | 1 | 1 | | 5 |
| English | 1 | 1 | | | | 2 |
| Family & Consumer Sciences | 1 | | 3 | 2 | | 6 |
| History | 1 | | | | | 1 |
| Industrial Arts | | | | | | 0 |
| Mathematics 5-12 | 3 | 1 | 6 | 1 | | 11 |
| Music K- 12 | 5 | 3 | 3 | 4 | | 15 |
| PE/Health K-12 | 1 | | | | | 1 |
| Principal K-12 | 1 | | | | | 1 |
| School Counseling K-12 | 1 | 2 | 5 | 3 | 1 | 12 |
| Special Education P-12 | 3 | | 1 | 1 | | 5 |
| Technology Education | 1 | | | | | 1 |
| Trade & Industry - Health | | | | | | |
| Occupations | | | | | | 0 |
| Trade and Industry - Automotive | | | | 1 | | 1 |
| World Language - French K-12 | 3 | 1 | 1 | | | 5 |
| World Language - Japanese K-12 | | 1 | 1 | 1 | | 3 |
| World Language - Latin K-12 | | | 1 | 2 | | 3 |
| World Language - Spanish K-12 | 3 | 1 | 2 | 1 | | 7 |
| Total | 35 | 10 | 30 | 20 | 4 | 99 |

Of the 99 emergency authorizations for employment granted by the Superintendent of Public Instruction for school fiscal years 2003 through 2007, 69 (70%) were to individuals who taught in one of the nine critical shortage areas identified in this report.